IN THE CLAIMS

1. (Original) A communications apparatus comprising:

a client interface operable to receive point-to-point protocol (PPP) data;

a protocol module operable to encapsulate the PPP data as a payload of a facsimile page transmission; and

a network interface operable to establish a link with a remote location, to negotiate a facsimile communications session with the remote location, and to communicate the facsimile page transmission to the remote location.

2. (Original) The apparatus of Claim 1, wherein the network interface is further operable to establish the link with the remote location using a wireless digital network.

3. (Original) The apparatus of Claim 1, wherein the network interface is further operable to:

signal a local offhook indication to the remote location;

receive a remote offhook indication from the remote location; and

communicate voice information with the remote location using the link.

4. (Original) The apparatus of Claim 3, further comprising:

an audio input device operable to receive outbound voice information from a user;

an audio output device operable to generate audio output based upon inbound voice information from the remote location; and

a switch operable to:

disable the input device and the output device while the interface negotiates the facsimile communications session and communicates the facsimile page transmission; and

enable the input device and the output device while the interface communicates voice information with the remote location.

5. (Original) The apparatus of Claim 1, wherein:

the client interface is further operable to receive additional point-to-point protocol (PPP) data;

the protocol module is further operable to encapsulate the additional PPP data as a payload of a second facsimile page transmission; and

the network interface is further operable to negotiate a second facsimile communications session with the remote location and to communicate the second facsimile page transmission to the remote location.

6. (Original) The apparatus of Claim 1, wherein:

the network interface is further operable to receive a page transmission acknowledgement, wherein the acknowledgement includes point-to-point protocol (PPP) data; and

the protocol module is further operable to extract the PPP data from the acknowledgement.

7. (Original) The apparatus of Claim 1, wherein the PPP data comprise automobile status information.

8. (Original) A method for wireless communications comprising:

establishing a link with a remote location;

negotiating a facsimile communications session with the remote location;

encapsulating point-to-point protocol (PPP) data as a payload of a facsimile page transmission; and

communicating the facsimile page transmission to the remote location.

9. (Original) The method of Claim 8, wherein establishing the link with the remote location comprises establishing the link with the remote location using a wireless digital network.

10. (Original) The method of Claim 8, further comprising:

signaling a local offhook indication to the remote location;

receiving a remote offhook indication from the remote location; and

communicating voice information with the remote location using the link.

11. (Original) The method of Claim 10, further comprising:

negotiating a second facsimile communications session with the remote location;

encapsulating additional PPP data as a payload of a second facsimile page transmission; and

communicating the second facsimile page transmission to the remote location.

12. (Original) The method of Claim 8, further comprising:

receiving a page transmission acknowledgement, wherein the acknowledgement includes PPP data; and

extracting the PPP data from the acknowledgement.

13. (Original) The method of Claim 8, wherein the PPP data comprise automobile status information.

14. (Original) The method of Claim 8, wherein negotiating the facsimile communications session comprises signaling a request for binary file transfer mode.

15. (Original) A communications system comprising:

a mobile unit operable to establish a link with a server using a wireless digital network, to negotiate a facsimile communications session with the server, to encapsulate client point-to-point protocol (PPP) data as a payload of a facsimile page transmission, and to communicate the facsimile page transmission to the server; and

a server operable to receive the facsimile page transmission, to extract the client PPP data, to encapsulate server PPP data as a payload of a page transmission acknowledgement, and to communicate the acknowledgement to the mobile station.

16. (Original) The system of Claim 15, further comprising:

an automobile diagnostic module operable to generate automobile status information;

a client coupled to the automobile diagnostic module and to the mobile unit, the client operable to receive the status information from the automobile diagnostic module, to encode the status information as the client PPP data, and to communicate the client PPP data to the mobile unit.

17. (Original) The system of Claim 15, wherein the mobile unit and the server are each operable to signal an offhook indication and communicate voice information using the link.

18. (Original) Communications software embodied in a computer readable medium and operable to:

establish a link with a remote location;

negotiate a facsimile communications session with the remote location;

encapsulate point-to-point protocol (PPP) data as a payload of a facsimile page transmission; and

communicate the facsimile page transmission to the remote location.

19. (Original) The software of Claim 18, further operable to establish the link via a wireless digital network.

20. (Original) The software of Claim 18, further operable to:

signal a local offhook indication to the remote location;

receive a remote offhook indication from the remote location; and

communicate voice information with the remote location using the link.

21. (Original) The software of Claim 20, further operable to:

negotiate a second facsimile communications session with the remote location;

encapsulate additional PPP data as a payload of a second facsimile page transmission; and

communicate the second facsimile page transmission to the remote location.

22. (Original) The software of Claim 18, further operable to:

receive a page transmission acknowledgement, wherein the acknowledgement includes PPP data; and

extract the PPP data from the acknowledgement.

23. (Original) The software of Claim 18, wherein the PPP data comprise automobile status information.

24. (Original) The software of Claim 18, further operable to signal a request for binary file transfer mode for the facsimile communications session.

25. (Original) A communications apparatus comprising:

means for establishing a link with a remote location;

means for negotiating a facsimile communications session with the remote location;

means for encapsulating point-to-point protocol (PPP) data as a payload of a facsimile page transmission; and

means for communicating the facsimile page transmission to the remote location.

26. (Original) The communications apparatus of Claim 25, wherein the means for establishing the link with the remote location further comprises means for establishing the link with the remote location using a wireless digital network.

27. (Original) The communications apparatus of Claim 25, further comprising:

means for signaling a local offhook indication to the remote location;

means for receiving a remote offhook indication from the remote location; and

means for communicating voice information with the remote location using the link.

28. (Original) The communications apparatus of Claim 27, further comprising:

means for negotiating a second facsimile communications session with the remote location;

means for encapsulating additional PPP data as a payload of a second facsimile page transmission; and

means for communicating the second facsimile page transmission to the remote location.

29. (Original) The communications apparatus of Claim 25, further comprising:

means for receiving a page transmission acknowledgement, wherein the acknowledgement includes PPP data; and

means for extracting the PPP data from the acknowledgement.

30. (Original) The communications apparatus of Claim 25, wherein the PPP data comprise automobile status information.

31. (Original) The communications apparatus of Claim 25, wherein the means for negotiating the facsimile communications session further comprises means for signaling a request for binary file transfer mode.